

YAROSLAVSKIY, N.Ye., inst.

Some data on the use of concrete pipes with plastic linings in  
the construction of power systems in the German Federal Republic.  
Energ. steel no.39:100-103 '64.

(NIDA 17:11)

YAROSLAVSKIY, V., brigadir montazhnikov (Lobnya Moskovskoy obl.); SIPRIKOV, V.  
(pos. Zavolzh'ye Gor'kovskoy obl.); FAL'BAUM, G. (Odessa);  
STAREN'KIY, S. (Saratov, Vol'skaya, 91, kv.7); DUDNIKOV, A.  
(Krasnodar); UGLEV, P. (Perm'); MEDOVAYA, A., inzh. (Leningrad);  
TRIGUBOVICH, A., frezerovshchik (Dzerzhinsk, Minskoy obl.);  
FINOV, G., student (Tula); YAKOVLEV, A., slesar' (Moskva);  
MALININA, N. (Tallin); CHEPAYKIN, G., inzh. (Moskva)

Advertising board. Izobr.i rats. no.5 (201) 38-39 '63.  
(MIRA 16:7)

(Technological innovations)

*Yifreslavskiy, V.P.*  
YAROSLAVS'KIY, V.P., prof.

Pathogenesis and pathogenetic treatment of scleroma. Medych.zhur. 19  
no.2:91 '49. (MIRA 10:12)

1. Z kliniki khvorob vukha, gorla, nosa Vinnits'kogo medichnogo  
institutu.  
(RHINOSCLEROMA)

YAROSLAVSKIY, V.P.; RAKHLIN, I.A.; KHUDORETS, V.S.

Upper respiratory tract and auditory organs in tractor workers.

Vest. oto-rin. 17 no.5:69-71 S-0 '55.

(MIRA 9:2)

1. Iz kafedry oto-laringologii (sav. prof. V.P. Yaroslavskiy)

Vinnitskogo meditsinskogo instituta.

(OTORHINOLARYNGOLOGY,

otorhinolaryngol. organs in tractor operators)

(AGRICULTURE,

otorhinolaryngol. organs in tractor operators)

**YAROSLAVSKIY, V.P., professor**

True cholesteatoma of the temporal bone. Vest. otorin. 18 no.2:  
74-75 Mr-Apr '56. (MLA 9:7)

1. Iz kliniki bolezney ukha, gorla i nosa Vinnitskogo meditsinskogo  
instituta

(CISTS  
cholesteatoma of temporal bone)  
(TEMPORAL BONE, cysts  
cholesteatoma)

EXCERPTA MEDICA Sec.8 Vol.11/4 Neuro.-Psychiatry Apr 58  
YAROSLAVSKIY V.P.

1676. THE DIFFERENTIAL DIAGNOSIS OF OTOGENIC ABSCESES AND BRAIN TUMOURS (Russian text) - Yaroslavskiy V.P. - VESTN.OTO-RINOLARING. 1956, 6 (44-50)

The difference is mainly quantitative - the frequency of the symptoms and their intensity. Symptoms of increased intra-cranial pressure appear earlier in abscesses than in tumours, with the exception of tumours situated near the CSF system. A characteristic feature of cerebral tumours is the gradual increase of headaches, going on sometimes for many months. Vomiting occurs much more often in tumours than in abscesses of the brain. At the same time bradycardia is considerably less frequent in tumours than in abscesses. Papilloedema was observed on an average in 50% of patients with cerebral abscesses and in 75-90% of those with tumours, in the latter the changes were much more profound, ending in total atrophy and blindness. As the location of cerebral tumours can be very variable, there is no predilection for any particular cranial nerves, whereas with abscesses there is predominance of lesions of the VIIth, IVth and IIIrd pairs of nerves. Cerebral tumours take an afebrile course, while with abscesses the temperature is often subfebrile. Blood changes characteristic of a purulent infection are observed in abscesses but are not seen in tumours apart from the glioblastomas. The presence of meningeal symptoms is more characteristic of abscesses, whereas in tumours these symptoms appear only in the terminal stages. It is emphasized that in tumours the most diverse focal symptoms can appear. In otological clinics it is expedient to adopt the procedures of angiography of the cerebral vessels, electroencephalography, pneumoencephalography, pneumoventriculography. Five case-histories of patients with brain tumours are cited.

(S)

YAROSLAVSKIY, V.P.

YAROSLAVSKIY, V.P., prof.; RAKHLIN, I.A.

Surgical approach to laryngeal cysts. Vest.oto-rin. 19 no.4:27-30  
Jl-Ag '57. (MIRA 10:11)

1. Iz kliniki bolezney ukha, gorla i nosa Vinnitskogo meditsinskogo  
instituta.

(LARYNX, cysts  
surg., method & approaches)

YAROSLVASKIY, V.P., prof.

Evaluation of the opened and closed methods of surgery in otogenic  
abscesses of the brain.[with summary in English]. Vest.oto.-rin.  
20 no.3:35-40 My-Je '58 (MIRA 11:6)

1. Iz Kliniki bolezney ukha, gorla i nosa Vinnitskogo meditsinskogo  
instituta.

(BRAIN, abscess  
otogenic, evaluation of open & closed methods of  
surg. (Rus))



YAROSLAVSKIY, V.P., prof.

"Otogenic abscesses of the brain" by V.O. Kalina Reviewed by V.P.  
Yaroslavskii. Vest.oto.-rin. 20 no.4:109-112 J1-Ag '58(MIRA 11:7)

(BRAIN--ABSCESS)

(EAR--DISEASES)

(KALINA, V.O. )

YAROSLAVSKIY, V.Ye.

~~Primary alveolar echinococcosis of the spinal canal.~~ Sov. med.  
20 no.3:81-83 Mr. '56 (MLRA 9:6)

1. Iz patologoanatomicheskogo otdeleniya Tarskoy rayonnoy  
bol'nitsy (glavnyy vrach V.P. Panterovskiy) Omskoy oblasti.

(ECHINOCOCCOSIS,

spinal canal, case reports (Rus))

(SPINAL CANAL, diseases,

echinococcosis, case reports (Rus))

YAROSLAVSKIY V. Ye.

USSR/Human and Animal Morphology (Normal and Pathological). Lymphatic System.

S-4

Abs Jour: Ref Zhur-Biol., No 16, 1958, 74352

Author : Yaroslavskiy, V. Ye.  
Inst : Omsk Medical Institute.  
Title : Histopathology of Lymph Nodes of the Radix Pulmonis in Pulmonary Tuberculosis Treated with Antibacterial Antituberculosis Preparations.

Orig Pub: Tr. Omskogo med. in-ta, 1957, No 22, 121-120

Abstract: Lymph nodes (LN) of the radix pulmonis were studied in 28 children who died of primary tuberculosis. Nineteen children received specific antituberculosis treatment. After several days of treatment, an intensive

Card : 1/3

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USSR/Human and Animal Morphology (Normal and Pathological). Lymphatic System.

S-4

Abs Jour: Ref Zhur-Biol., No 16, 1958, 74352

multiplication of reticular cells sets in in LN. Later, around blood vessels and in tubercular nodes, there appears a hardening and swelling of argyrophil fibers. After treatment, the incapsulation, organisation and petrification of tubercular foci in LN are accelerated. Proliferation of connective tissue hinders the spreading of the inflammatory process beyond the limits of nodes. The sizes of necrotic foci are somewhat smaller than in untreated cases. Absence of primary necrosis of the tissue of LN, and the prevalence in them of a productive reaction gives evidence of

YAROSLAVSKIY, V. YE., CAND MED SCI, *Data for the* "MATERIAL ~~ON~~  
PATHOLOGICAL ANATOMY AND MORPHOGENESIS OF INTRATHORA-  
CIC TUBERCULOSIS TREATED WITH ANTIBACTERIAL PREPARATIONS."  
KEMEROVO, 1960. (SVERDLOVSK STATE MED INST). (KL, 2-61,221).

-300-

YAROSLAVSKIY, V.Ye.

Foreign bodies in the abdominal cavity penetrating from the  
gastrointestinal tract. Arkh. pat. 22 no. 12:66-67 '60.

(MIRA 14:1)

(ABDOMEN—FOREIGN BODIES)

(ALIMENTARY CANAL—FOREIGN BODIES)

YAROSLAVSKIY, V.Ye., kand.med.nauk

Complications in the atropinization of young children. Vest.oft.  
no.3:67-69 My-Je '62. (MIRA 15:8)

1. 2-ya gorodskaya klinicheskaya bol'nitsya (Kemerovo).  
(ATROPINE—TOXICOLOGY) (OPHTHALMOLOGY)

YAROSLAVSKIY, V.Ye., kand. med. nauk

Pathomorphological indices of immunoreactive characteristics  
of the organism during antibacterial therapy of tuberculosis.  
Probl. tub. no.4:81-84 '64. (MIRA 18:11)

1. Kafedra patologicheskoy anatomii (zav. - prof. I.S.  
Nevitskiy) Omskogo meditsinskogo instituta.

YAROSLAVSKIY, Ya.I.

State of the ear and the upper respiratory tracts in infectious  
hemorrhagic nephroso-nephritis. Zhur. ush., nos. i gorl. bol.  
23 no.4:66 J1-Ag'63. (MIRA 16:10)

1. Ia kafedry infektsionnykh bolezney (zav. - dotsent S.Ye.  
Shapiro) na baze gorodskoy infektsionnoy bol'nitsy i kafedry  
bolezney ukha, gorla i nosa (zav. - prof. V.S.Iyande) Khaba-  
rovskogo meditsinskogo instituta.

(KIDNEYS--DISEASES) (OTORHINOLARYNGOLOGY)

\*



YAROSLAVSKIY, Ye.I.

Role and significance of reflexogenic symptoms in functional deafness  
according to Pavlovian theory. Vest. otorinolar., Moskva 14 no. 4:  
18-21 July-Aug. 1952. (CLML 22:5)

1. Professor. 2. Omsk.

1. YAROSLAVSKIY, Ye. I. (Prof.)
2. USSR (600)
4. Nikhinson, A.
7. What lesson can be derived from Dr. A. Nikhinson's article. Vop. pediat.  
21, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

YAROSLAVSKIY. Ye.I., professor(Omsk)

Popular science pamphlets on tonsillitis. Vest.oto-rin 17  
no.4:78-79 J1-Ag '55. (MLRA 8:10)  
(TONSILS--DISEASES)

YAROSLAVSKIY, Ye.I., professor (Omsk)

Facilitation of otorhinolaryngological aid to the rural population.  
Vest. oto-rin. 17 no.5:72 S-0 '55. (MLRA 9:2)

(OTORHINOLARYNGOLOGY,  
otorhinolaryngol. aid to rural population in Russia)  
(RURAL CONDITIONS,  
otorhinolaryngol. aid to rural population in Russia)

YAROSLAVSKIY, Ye.I. professor (Omsk)

Discussion on nomenclature and classification in otorhinolaryngology.  
Vest. oto-rin. 17 no.6:54-58 N-D '55. (MLRA 9:2)

(OTORHINOLARYNGOLOGY,  
classif. & nomenclature.)  
(NOMENCLATURE,  
otorhinolaryngol.)

YAROSLAVSKIY, Ye.I. , professor (Omsk)

The work of an otolaryngologist in districts of virgin soil and  
fallow land reclamation. Vest.oto-rin. 18 no.5:28-33 8-0 '56.

(MLRA 9:11)

(OTORHINOLARYNGOLOGICAL DISEASES, prev. and control  
in Russia in districts of newly acquired virgin soil)

YAROSLAVSKIY, Ye.I. (Omsk)

Correlation between the higher nervous activity and conditioning  
processes. Zhur.nevr. i psikh. 57 no.4:542 '57. (MLRA 10:7)

(CENTRAL NERVOUS SYSTEM, physiology,  
higher nervous funct., relation to conditioned  
processes (Rus))

YAROSLAVSKIY, Ye.I., prof.; NOVITSKIY, I.S., prof. (Omsk)

Some comments on N.A.Karpov and P.V.Sipovskii's article "Pharyngeal  
lymphatic ring (tonsillar apparatus of the pharynx)." Arkh.pat.  
22 no.7:78-80 '60. (MIRA 14:1)  
(PHARYNX) (LYMPHATICS)



YAROSLAVSKIY, Ye.I., prof.

Review of the collection of papers "Problems of scientific and practical otorhinolaryngology" published by the Department of Ear, Throat and Nose Disease of the Arkhangel Medical Institute. Zhur., ush., nos. i gorl. bol. 23 no.2:87-89 Mr-Ap'63.  
(MIRA 16:8)

(OTORHINOLARYNGOLOGY).

YAROSLAVSKIY, Ye.I., prof. (Omsk)

Pathogenesis and therapy in dysphagia arising at the site  
of a chemical burn of the esophagus. Vest. oto-rin. 25 no.2:  
58-65 Mr-Apr '63. (MIRA 17:1)

PASHENKOV, Ya.M., kand. tekhn. nauk; YAROSLAVSKIY, Z.Ya., inzh.

Conference on the mechanization and automation of rural water  
supply systems. Gidr. i mel. 17 no.10:56-61 O '65.

(MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki  
i melioratsii im. Kostyakova.

YAROSLAVTSEV, A.

Our account with economic and planning organizations. ITO 2 no.3:  
53-54 Mr '60. (MIRA 13:6)

1. Zamestitel' predsedatelya Moskovskogo oblastnogo pravleniya  
Nauchno-tekhnicheskogo obshchestva mashinostroitel'noy promy-  
shlennosti.

(Research, Industrial)

YAROSLAVTSEV, A., inzh.

Every gram of metal is utilized. NTO 5 no.5:37-39 Ky '63.  
(MIRA 16:7)

1. Zamestitel' predsedatelya Moskovskogo gorodskogo pravleniya  
Nauchno-tekhnicheskogo obshchestva mashinostroitel'noy  
promyshlennosti.

(Moscow--Machinery industry)

KRESHKOV, Anatoliy Pavlovich; YAKOSLAVTSEV, Anatoliy Anatol'yevich;  
ODERBERG, L.N., red.

[Course in analytical chemistry] Kurs analiticheskoi khimii.  
Izd.2., perer. Moskva, Khimiiz. Book 2. 1964. 324 p.  
(MIRA 17:11)

KRESHKOV, A.P.; YANOSLAVTSEV, A.A.; BUDANOVA, L.M., redaktor; LUR'YE, M.S.,  
tekhnicheskii redaktor.

[A course in analytical chemistry] Kurs analiticheskoi khimii. Moskva,  
Gos.nauchno-tekhn.izd-vo khimicheskoi lit-ry. Vol.2.[Quantitative  
analysis] Kolichestvennyi analiz. Pod obshchei red. A.P.Kreshkova.  
1954. 415 p. (MIRA 815)  
(Chemistry, Analytical--Quantitative)

YAROSLAVTSEV, Anatoliy Anatol'yevich; KRESHKOV, A.P., red.; STUPNIKOVA,  
N.I., red.; ~~SHKAR, I.G.~~; tekhn.red.

[Collection of problems and exercises in analytical chemistry]  
Sbornik zadach i uprazhnenii po analiticheskoi khimii. Pod  
red. A.P.Kreshkova. Moskva, Gos. nauchno-tekhn.izd-vo khim.lit-ry,  
1958. 200 p. (MIRA 12:2)  
(Chemistry, Analytical--Problems, exercises, etc.)



KRESHKOV, Anatoliy Pavlovich; YAROSLAVTSEV, Anatoliy Anatol'yevich;  
ODERBERG, L.H., red.

[Course in analytical chemistry] Kurs analiticheskoi khimii.  
Izd.2., perer. Moskva, Khimiia. Book.1. [Qualitative  
analysis] Kachestvennyi analiz. 1964. 429 p.  
(MIRA 17:10)

KIRILLOV, Ye.A. [deceased]; YAROSLAVTSEV, A.D.

Scraping crystallizer. Mash. i neft'. obor. no.1:27-33  
'63. (MIRA 17:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy  
institut neftyanogo mashinostroyeniya.

YAROSLAVTSEV, A. L.

(DECEASED)

1963/1

c' 1961

BIOCHEMISTRY

see ILC

BUKHMEN, G.D., inzh.; MARINOV, A.M., inzh.; MELAMED, B.M., inzh.;  
YAROSLAVTSEV, A.M., inzh.

Start of a 200 Mw. block in the electric power system of  
Sverdlovsk. Elek.sta. 3/4 no.2:2-7 F '63. (MIRA 16:4)  
(Sverdlovsk--Electric power plants)

SERDYUKOV, M.K.; TSAREGRADSKIY, V.A.; YAKUBOVSKIY, V.I.; YAROSLAVTSEV, A.M.;  
PRITSKER, L.S.

Methods and results of prospecting for ore deposits in Kazakhstan  
using geophysical methods. Izv. AN Kazakh. SSR. Ser. geol. 21 no.  
4:74-83 J1-Ag '64. (MIRA 17:11)

1. Kazakhskiy geofizicheskiy trest, Alma-Ata.

YAROSLAVTSEV, A.N., inzh.

Immediate prospects for developing productivity of stonecutting  
machines. Stroi. i dor.mashinostr. 3 no.11:25-28 N '58.  
(MIRA 11:11)

(Quarries and quarrying--Equipment and supplies)

BESCONOV, A.F.; UST'YANTSEV, V.M.; YAROSLAVTSEV, A.S.

Investigating the kinetics of phase transformations in a specimen  
of magnesium and copper oxides. Izv. vys. ucheb. zav.; tsvet. met.  
8 no.5:49-53 '65. (MIRA 18:10)

1. Ural'skiy politekhnicheskii institut, kafedra meta'lurgii  
tyazhelykh tsvetnykh metallov i Vostochnyy institut ogneuporov.

YAROSLAVTSEV, A.S. (Novosibirsk)

Obstetric stethophonendoscope. Fel'd. i akush. 26 no. 11:21-23  
N '61. (MIRA 15:2)  
(PHONENDOSCOPE)



YAROSLAVTSEV, A.S.; SHURYGIN, P.M.; SMIRNOV, V.I., akademik

Thermodynamic analysis of reactions involved in the autoclave  
leaching of sulfides. Dokl. AN SSSR 153 no.2:408-411 N '63.  
(MIRA 16:12)

1. Ural'skiy politekhnicheskii institut im. S.M.Kirova. 2. AN  
KazSSR (for Smirnov).

KHUDYAKOV, I.F.; YAROSLAVTSEV, A.S.

Peculiarities of autoclave oxidation of binary sulfide alloys.  
TSvet. met. 38 no.4:45-49 Ap '65. (MIRA 18:5)

YAROSLAVTSEV, A.S.; SMENOV, V.I.

Experiments in autoclave leaching of zinc cake. TSvet. met.  
38 no.5:26-29 My '65. (MIRA 18:6)

YAROSLAVTSEV, A.S.; SMIRNOV, V.I.

Metal and sulfur distribution in the autoclave leaching of zinc concentrate. Izv. Vys. Ucheb. zav., tsvet. met. 7 no.5:58-62 '64  
(MIRA 18:1)

1. Kafedra tyazhelykh tsvetnykh metallov Ural'skogo politekhnicheskogo instituta.

YAROSLAVTSEV, A.S.; KHUDYAKOV, I.F.; SMIRNOV, V.I., akademik.

Kinetics of sphalerite oxidation in an autoclave. Dokl. AN SSSR 158  
no.2:456-459 S '64. (MIRA 17:10)

1. Ural'skiy politekhnicheskii institut im. Kirova. 2. AN KazSSR  
(for Smirnov).

TIKHONOV, A.I.; YAROSLAVTSEV, A.S.; SMIRNOV, V.I., akademik

Kinetics of cadmium sulfide oxidation in a "bubbling" bed.  
Dokl. AN SSSR 159 no.1:152-196 N '64. (MIRA 17:12)

1. Ural'skiy politekhnicheskiy institut im. S.M. Kirova.
2. AN KazSSR (for Smirnov).

IVANOV, S.; YAROSLAVTSEV, B.

Outstanding workers and indifferent managers. Prem. keep.no.2:  
32 F '56. (MIRA 9:7)  
(Transcarpathia--Handicraft)

KOVAL', Lev Mikhaylovich; YAROSLAVTSEV, Boris Alekseyevich; GUROV, S.,  
red.; KUZNETSOVA, A., tekhn. red.

[From small-scale to over-all mechanization] Ot maloi mekha-  
nizatsii - k kompleksnoi. Moskva, Mosk. rabochii, 1961. 102 p.  
(MIRA 15:2)

(Assembly-line methods)  
(Moscow--Electric machinery industry)



YAROSLAVTSEV, B.M., dotsent

Embalming individual extremities of a corpse following the filling  
of the arterial system with congealing matter. Uch. zap.  
Biol.-pochv. fak. Kir. un. no.7:229-236 '58. (MIRA 15:10)  
(Embalming)

YAROSLAVTSEV, B.M.

Scalpel for deep preparation and dissection (for efficiency improvement). Uch. zap. Biol.-pochv. fak. Kir. no.7:237-238 '58. (MIRA 15:10)  
(Dissection--Equipment and supplies)

L 40001-65 ZPA(s)-2/Ext(m)/EPP(c)/EPP(n)-2/Ext(m)/EPR/ENP(j)/T Po-L/Pr-L/  
 Pa-L/Pu-L RM/DJ/GS  
 ACCESSION NR: AT5007908 S/0000/64/000/000/0182/0193 5/21

AUTHOR: Aleksenko, Yu. N. (Candidate of technical sciences); Buynitskaya, V.I.;  
 Zaslavsky, V.V.; Zvonov, M.V.; Koslov, V.N.; Meshcheryakov, M.M.; Rogoshkin, I.V.;  
 Stolpnik, V.P.; Stroganov, V.A.; Yaroslavtsev, B.Ye.

TITLE: Critical tests with the organic moderators, monoisopropylbiphenyl and  
 gas oil

SOURCE: Moscow, Institut atomnoy energii. Issledovaniya po primeneniyu organicheskikh teplonositeley-zamedliteley v energeticheskikh reaktorakh (Research on the use of organic heat-transfer agents and moderators in power reactors). Moscow, Atomizdat, 1964, 182-193

TOPIC TAGS: organic reactor coolant, power reactor, nuclear power plant, thermal reactor, heat transfer agent, organic moderator, isopropylbiphenyl, gas oil, thermal neutron

ABSTRACT: The article presents the results of critical tests on the organic moderators isopropylbiphenyl and gas oil, a description of an experimental "organic reactor", and some results of measurements carried out on this reactor. Graphs are included showing the distribution of thermal neutrons for different values of lattice spacing, the calculated dependence of the effective addition for gas oil and mono-  
 1/2

L 40001-65

ACCESSION NO: AT3007908

isopropylbiphenyl, the dependence of the critical number of channels for monoisopropylbiphenyl on the lattice spacing and for gas oil on both the temperature and lattice spacing, as well as the calculated values of the square length of moderation for biphenyl, monoisopropylbiphenyl, and gas oil. The authors conclude that the physical experiments with critical assemblies carried out on monoisopropylbiphenyl and gas oil have made it possible to verify the method and system of constants used for calculating the physical characteristics of reactors with organic heat-transfer agents. Orig. art. has: 12 figures and 2 tables.

ASSOCIATION: None

SUBMITTED 01Aug64

NO REF SOV: 000

ENCL: 00

SUB CODE: NP, TD

OTHER: 000

Card

2/2

ZVONOV, N.V.; ALEKSENKO, Yu.N.; STROGONOV, V.A.; MESHCHERYAKOV,  
M.N.; BUYNITSKAYA, V.I.; YAROSLAVTSEV, B.Ye.

[Critical tests of an organic moderator - monoiso-  
propylbiphenyl] Kriticheskie opyty s organicheskim za-  
medlitелеm-monoizopropildifenilom. Moskva, In-t atom-  
noi energii AN SSSR, 1960. 42 p. (MIRA 16:12)  
(Nuclear reactors--Materials) (Biphenyl)

L 38079-65 EPA(s)-2/EWT(m)/EPF(c)/EPF(n)-2EWG(v)/EPR EMP(j)/T/EPA(bb).2/  
EWA(h)/EWA(l) Kc-4/Pe-5/Pr-4/Ps-4/t-10/Peb/Pu-4 nn/J/35/RM

ACCESSION NR: AT5007901

S/0000/64/000/000/0078/0094

AUTHOR: Aleksenko, Yu. N.; Vasil'yev, I. N.; Rokhlova, L. P.; Khranchenkov,  
V. A.; Yaroslavtsev, B. Ye.

TITLE: Changes in some of the thermophysical characteristics of monoisopropyl-  
biphenyl and hydroterphenyl during radiolysis 19

SOURCE: Moscow. Institut atomnoy energii. Issledovaniya po primeneniyu  
organicheskikh teplonositeley-zamedlitateley v energeticheskikh reaktorakh (Re-  
search on the use of organic heat-transfer agents and moderators in power re-  
actors). Moscow, Atomizdat, 1964, 14-94

TOPIC TAGS: thermal reactor, nuclear power plant, power reactor, organic cooled  
reactor, reactor coolant, radiolysis, coolant, thermophysical property isopro-  
pylbiphenyl, hydroterphenyl

ABSTRACT: The dependence of the thermophysical characteristics on radiolysis was  
investigated for products in which this process is accompanied by the simultan-  
eous formation of low-boiling compounds. Hydroterphenyl and monoisopropylbiphenyl  
were tested for kinematic viscosity and density after being subjected to differ-  
ent radiation doses under different temperature conditions. The change in spe-

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ACCESSION NR: AT5007901

cific heat for specimens of monoisopropylbiphenyl was also determined. The specimens were irradiated in both aluminum and quartz ampoules and in loop plants at between 30 and 80 Mrad/hr. The monoisopropylbiphenyl specimens were irradiated at 370 - 380C. The results of measurements show that for temperatures over 100C, the dependence of the viscosity of monoisopropylbiphenyl on a 0 - 25% concentration of high-boiling products and a 200 - 300C radiolysis temperature can be determined within 120%. The density of monoisopropylbiphenyl was measured at 20 - 220C on specimens containing 5, 13.45, 24.75 and 39.75% high-boiling products. The refractive index of monoisopropylbiphenyl was measured after irradiation at 370 - 380C. The results of measurements show that the refractive index of monoisopropylbiphenyl is not dependent on the concentration of high-boiling products and the radiolysis temperature. The authors conclude that the results of measurements show that the dependence of the viscosity of monoisopropylbiphenyl on a 0 - 25% concentration of high-boiling products and a 200 - 300C radiolysis temperature can be determined within 120%.

The authors also present the results of measurements of the refractive index and the density of monoisopropylbiphenyl.

ASSOCIATION: Institute of Atomic Energy, Moscow Institute of Atomic Energy

SUBMITTED: 01Aug65

ENCL: 00

SUB CODE: NP, OC

NO REF SOV: 000

OTHER: 003

Card 2/2

YAROSLAVTSEV, G. F.

Mechanization of accounting in sugar refineries. Sakh. prom. 36  
no.10:51-52 0 '62. (MIRA 15:10)

1. Novo-Troitskiy sakharney zavod.

(Sugar industry—Accounting)



YAROSLAVTSEV, G. D.

Tree Planting

Transplanting large trees. Les. khoz. 5, No. 9, 1952.

Monthly List of Russian Accessions. Library of Congress. November 1952. UNCLASSIFIED.

YAROSIAVTSEV, G.D.

Periods of root growth of certain woody plants. Biul.Glav.bot.  
sada no.22:38-41 '55. (MLRA 9:5)

1. Leningradskaya ordena Lenina lesotekhnicheskaya akademiya imeni  
S.M. Kirova.

(Roots (Botany))

YAROSLAVTSEV, G.D.

On the transpiration of transplanted trees [with English  
summary in insert]. Fiziol.rast. 3 no.5:405-408 S-O '56.  
(MLRA 9:12)

1. Gosudarstvennyy Nikitskiy botanicheskiy sad imeni  
V.M. Molotova, Yalta.  
(Tree planting) (Plants--Transpiration)

YAROSLAVTSEV, G.D.

Sectional heterogeneity of root systems. Biul. Glav. bot. sada  
no.24:71-73 '56. (MLRA 9:11)

1. Gosudarstvennyy Nikitskiy botanicheskiy sad imeni  
V.M. Molotova.  
(Roots (Botany))

USSR / Cultivated Plants. Subtropical and Tropical M-8  
Plants.

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73179.

Author : Yaroslavtsev, G. D.

Inst : State Nikitskiy Botanic Garden.

Title : On the Growth Season of Roots of Several Exotics  
Along the Southern Shore of the Crimea.

Orig Pub: Byul. nauchno-tekhn. inform. Gos. Nikitsk. botan.  
sad, 1957, No 3-4, 50-52.

Abstract: From May 1955 to November 1956 in the Nikitskiy Botanical Garden, observations were conducted on the season of growth of the roots of *Cupressus sempervirens* var. *pyramidalis* Nym., *Cedrus deodara* Loud. and *Sambucus nigra* L. Roots of these stocks have two periods of active growth (spring and autumn) and two periods of little growth (summer and winter). -- G. M. Kagan.

Card 1/1

Country : USSR  
Category: Forestry. Forest Biology and Typology.

K

Abs Jour: RZhBiol., No 11, 1958, No 48710

Author : Yaroslavtsev, G.D.  
Inst : State Nikitsk Botanical Garden.  
Title : Coalescence in Tree Roots.

Orig Pub: Byul. nauchno-tekhn. Gos. Nikitsk. botan. sad. 1957,  
No 3-4, 53-55.

Abstract: This article gives a list of the varieties in which the coalescence of the root systems is most frequently observed. Excavation of the intergrown roots of 17-20 year old atlas cedars in Yalta leskhoz (forestry establishment) showed that this phenomenon is explained by edaphic causes and moisture conditions.

Card : 1/1

COUNTRY : USSR  
CATEGORY : Forestry. Biology. Typology.  
ABS. JOUR. : RZhBiol., No. 14 1959, No. 63177  
AUTHOR : Yaroslavtsev, G. D.  
INST. : Academy of Sciences, USSR, Main Botanical Garden  
TITLE : The Growing Together of Trees

ORIG. PUB. : Byul. Gl. botan. sada, AN SSSR, 1957, vyp. 28, 119-121

ABSTRACT

: According to data from the literature the biological value of the growing together of trees is described, and examples are presented of joint growth of one species and of varied species. The fact of the growing together of Populus pruinosa trees in the middle part of the Amu-darya bottom land is described; these trees shed their leaves considerably earlier than solitary trees (1952). The dense joint growth of trees on the southern shore of Crimea is observed, where in 1955 on the Yalta tree farm up to 50% living stumps of Crimean pine are found. Reported on is the presence in the Nikitskiy botanical garden of living stumps of Aesculus hippocastanum,

YAROSLAVTSEV, G.D.

Growth and regeneration of pomegranate and fig roots. Biul.  
Glav. bot. sada no.41:95-96 '61. (MIRA 14:11)

1. Gosudarstvennyy Nikitskiy botanicheskiy sad.  
(Trees) (Roots, (Botany)) (Growth (Plants))

YAROSLAVTSEV, G. M.

"Critical Estimation and Improvement of Estimating Methods in the Spread and Number of Pests and Diseases," Itogi Nauchno-Issledovatel'skikh Rabot Vsesoiuznogo Instituta Zashchity Rastenii za 1935 Goda, 1936, pp. 526-527. 423.92 1941

So: SIRA SI 90-53, 15 Dec. 1953



YAROSLAVTSEV, G.M. [Iaroslavtsev, H.M.], inzh.; GUSAROV, M.I. [Husarov, M.I.],  
~~inzh.~~

Creative accomplishments of inventors in Zaporozh'ye Province.  
Mekh. sil'. nos. 9 no.4:13-14 Ap '58. (MIRA 11:5)  
(Ukraine--Farm mechanization)

YAROSLAVTSEV, G.M., [Iaroslavtsev, H.M.]

Trailer on caterpillar treads for transporting feeds and manure.  
Mekh. sil'. hosp. 9 no. 8:14 Ig '58. (MIRA 11:8)

1. Zaporiz'ke oblasne upravlinnya sil'skogo gospodarstva.  
(Tractors--Trailers)

AFANAS'YEV, B.L.; YAROSLAVTSEV, G.M.; YATSUK, V.I.

Conditions governing the formation of coal-bearing sediments in  
foredeeps as revealed by the Pechora Basin. Mat.po geol.i pol.iskop.-  
Sev.-Vost.Evrop.chasti SSSR no.1:5-22 '61. (MIRA 14:11)  
(Pechora Basin--Coal geology)

YAROSLAVTSEV, G.M.

Methods for the study of paleogeographical conditions  
governing the formation of coal. Mat. po geol. i pol.  
iskop. Sev.-Vost. Evrop. chasti SSSR. no.2:67-73 '62.  
(MIRA 15:11)

(Pechora Basin--Coal geology)

YAROSLAVTSEV, G.M. [Iaroslavtsev, H.M.]

Specialization of workshops in repairing tractors of a particular type. Mekh. sil'. hosp. 14 no.5:26-27 My '63. (MIRA 16:10)

1. Nachal'nik upravleniya remonta i proizvodstvenno-tekhnicheskogo obsluzhivaniya Zaporozhskogo oblastnogo ob"yedineniya "Sil' gosptekhnika."

AFANAS'YEV, B.L.; YAROSLAVTSEV, G.M.; YATSUK, V.I.

Problems of the origin of a coal-bearing layer in the Pechora  
Basin. Sov. geol. 7 no.3:58-65 Mr '64. (MIRA 17:10)

1. Vorkutskaya kompleksnaya ekspeditsiya.

AFANAS'YEV, B.L., red.; YAROSLAVTSEV, G.M., red.; YATSUK, V.I.,  
red.; AMOSOV, I.I., red.

[Geology of coal and oil shale deposits of the U.S.S.R.]  
Geologiya mestorozhdenii uгля i goriuchikh slantsev SSSR.  
Moskva, Nedra. Vol.3. 1965. 488 p. (MIRA 18:5)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskii  
komitet.

SNEGIREV, M.M., inzh.; YAROSLAVTSEV, G.P., inzh.

Light relay for recording sheet breaks in the dryer section of the  
papermaking machine. Bum. prom. 33 no.12:22-23. D '58. (MIRA 11:12)

1. Kamskiy tsellyulozno-bumazhnyy kombinat.  
(Papermaking machinery) (Electric relays)



YAROSIAVTSEV, I.A.

Similarity of Turbulent Flows and Methodical Analysis of Modeling Hydraulic Structures. Thesis for degree of Cand. Technical Sci., submitted 16 Mar 49, Moscow Order of Lenin Inst of Railroad Engineers im. I. V. Stalin.

Summary 62, 18 Dec 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

YAROSLAVTSEV, I. A.

124-11-12697

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr. 11, p. 53 (USSR)

AUTHOR: Yaroslavtsev, I. A.

TITLE: Investigation of the Operation of Water-Transport Engineering Works on Rigid, Modified Models. (Issledovaniye raboty transportnykh gidrotekhnicheskikh sooruzheniy na zhestkikh iskazhennykh modelyakh)

PERIODICAL: Tr. Mosk. in-ta zh. -d. transp., 1957, Nr 88/9, pp 115-138

ABSTRACT: The paper contains a detailed analysis of similarity criteria as applied to hydraulic engineering and also a discussion of the possibility and necessity for simulating the natural roughness in the reproduction on models of portions of river beds. The author establishes that for natural channels the absence or presence of roughness similarity of model versus full-scale feature is devoid of any practical significance. Evidence therefor is adduced from the results of a test conducted by the A. with a 650-percent range of the relative roughness (from 0.075 to 0.5 cm). From the graph of A. P. Zegzhd the friction coefficient  $\lambda$  should vary from 0.007 to 0.015, whereas actually it changed only from 0.058 to 0.061 on the model. The A. arrives at the conclusion that the friction of natural courses of water is determined by the characteristics of the profile of the latter and not by the small-scale roughness of

Card 1/2

124-11-12697

Investigation of the operation of water-transport engineering works on rigid, modified models (continued)

their sides and bottoms; hence, he proposes that, in any model modification, calculations be based on M. A. Velikanov's concept of an "effective" Froude number,  $v^2/gil$ . Formulas are given for the maximum possible distortions of the scales for the purpose of simulation of velocities, discharges, et. al. Judging the permissible degree of distortion of the shape of the simulating flow on the basis of the A.'s range of tests, it is recommended that the criterion  $h/R \leq 1.2$  be adhered to. At the end of the paper, a comparative example is shown, containing the calculation of a distorted river model made in accordance with the methodology proposed by the A., as against the customary method based on the Froude criterion. In conclusion the A. discusses the limits of applicability of the methodology proposed by him in the use of modified simulation and that of the usually employed methodology of simulation according to Froude. The reading and understanding of the paper is rendered somewhat difficult by the absence of a legend and clarification of a number of symbols and designations employed by the Author.

A. M. Latyshenkov

Card 2/2

ANDREYEV, Oleg Vladimirovich, kand.tekhn.nauk; YAROSLAVTSEV, Igor'  
Arkad'yevich, kand.tekhn.nauk; GOLUBKOVA, Ye.S., red.; LAKHMAN,  
F.Ye., tekhn.red.

[Protection of bridges against washout] Zashchita mostovykh  
perekhodov ot razmyva. Moskva, Nauchno-tekhn.izd-vo M-va avto-  
mobil'nogo transp. i shosseinykh dorog RSFSR, 1959. 145 p.  
(MIRA 12:4)

(Bridges--Repairing)

(Rivers--Regulation)

BLIZNYAK, Ye.V., otv. red. [deceased]; ROSSINSKIY, K.I., otv. red.;  
ANDREYEV, O.V., red.; VENDROV, S.L., red.; ZRELOV, N.P., red.;  
POPOVA, K.L., red.; RZHANITSYN, N.A., red.; FIDMAN, B.A., red.;  
YAROSLAVTSEV, I.A., red.; VIKULOVA, L.I., red.; VASIL'YEV, Yu.F.,  
red. izd-va; MAKUNI, Ye.V., tekhn. red.

[New methods and equipment for studying stream-channel processes]  
Novye metody i apparatura dlia issledovaniia uslovykh protsessov.  
Moskva, 1959. 220 p. (MIRA 12:8)

1. Akademiya nauk SSSR. Sovet po problemam vodnogo khozyaystva.
2. Sovet po problemam vodnogo khozyaystva Akademii nauk SSSR  
(for Bliznyak).
3. Giprorechtrans Ministerstva rechnogo flota  
RSFSR (for Vendrov).
4. Vsesoyuznyy nauchno-issledovatel'skiy  
institut transportnogo stroitel'stva (for Yaroslavtsev).  
(Hydrology--Research)

YAROSLAVTSEV, I.A., kand. tekhn. nauk; SAZYKIN, I.A., kand. tekhn. nauk

Elastic filterless embankment from reinforced concrete. Transp.  
stroil. 14 no.9:24-25 S '64 (MIRA 18:1)

YAROSLAVTSEV, I.A., kand. tekhn. nauk

Stabilizing shore slopes with concrete slabs. Avt. dor. 27  
no.4:9-10 Ap '64. (MIRA 17:9)

L 4023-66 EWP(e)/ENT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/IM/SH

ACC NR: AR6014581

SOURCE CODE: UR/0081/65/000/021/M004/M004

AUTHORS: Shilyayev, A. S.; Drobvazko, G. A.; Yaroslavtsev, I. M.

TITLE: Ultrasound plating of ceramics

SOURCE: Ref. zh. Khimiya, Abs. 21M32

REF SOURCE: Tr. N.-i. tekhnol. in-t, vyp. 8, 1964, 103-106

TOPIC TAGS: ultrasonic welding, ultrasonic vibration, ceramic to metal seal, metal ceramic material, metal plating

ABSTRACT: Application of solders composed of (%): Sn 90 + Zn 10 and Cd 18 + Sn 52 + Pb 30 onto ceramic (of the steatite type) radio components was performed by dipping the parts in the melts at temperatures exceeding that of the melting point by 20-50C, with simultaneous sonification of the melt. The vibration amplitude is 2.5 + 3  $\mu$ , sonification time 5-20 sec, cohesive force between metal-plating and ceramics is 150-200 kg/cm<sup>2</sup>. V. Kh. [Translation of abstract]

SUB CODE: 11

Card 1/1 *1968*



YAROSLAVTSEV, I. N.

Indicatrix of Scattering For the Atmosphere of Tashkent.  
Akademiya Nauk SSSR. Izvestiya. Seriya geograf. i geofiz., 1944,  
v. 8, no. 2-3, p. 111-121. Summary in English.

YARSLAVTSEV, I. N.

"On the Question of the Index of Dust Scattering," Iz. Ak. Nauk SSSR,  
Ser. Geograf. i Geofiz., No 2, 1945.

Tashkent Geophysical Observatory

YAROSLAVTSEV, I. M., USSR

"On the Spectual Composition of the Direct Radiation of the Sun, According to Observations of Tashkent," Iz. Ak. Nauk SSSR, Geograf. i Geofiz., No 2, 1945.

Tashkent, Geophysical Observatory

YAROSLAVTSEV, I. N.

"Long wave radiation of the sun (650m -3000m ) in Middle Asia,"  
Iz. Ak. Nauk SSSR Geograf. i Geofiz., No. 5-6, 1945.

Tashkent Geophysical Observatory

YAROSLAVTSEV, I. N.

"Effective Night Radiation in Tashkent". Iz AN SSSR, Ser Geograf i Geofiz, No 5, 1946  
(431-434).  
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953

YAROSLAVTSEV, I. N.

"Scattering of Radiation in Tashkent," pp 67 (midpage) - 71.  
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953

YAROSLAVTSEV, I. N.

"Modernization of an Emagram," No 4, pp 73-75.  
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953

YANROSLAVTSEV, I. N.

2  
① Geo

Meteorological Abst.  
Vol. 4 No. 3  
March 1953  
Part 2  
Bibliography on Frost  
and Frost Forecasting

551.524.37 03  
AC-279  
I. N. Yanroslavtsev, I. M. Zamorozki. [Frosts.] Leningrad, Gidromet. Izdat., 1948. 26 p. 12  
figs. DLC—A booklet for popular use explaining the physical causes of autumn and spring killing  
frost (long wave radiation of the earth and atmosphere, local peculiarity, frost pockets, etc.).  
A series of practical indications is given and means of the average first and last killing frost in the  
European part of the U.S.S.R. are presented. Damaging effects of killing frost on different kinds  
of crop discussed and methods of frost prevention briefly outlined. Subject Headings: 1. Killing  
frosts 2. Frost prevention 3. Frost effects on crops 4. Frost pockets 5. European U.S.S.R.—A.A.



YAROSLAVTSEV, I.N. Prof

PA 28/49T79

USSR/Medicine - Light, Effects  
Medicine - Lighting

Aug 48.

"Natural Illumination in Tashkent," Prof I. N.  
Yaroslavtsev, 2 pp

"Gig 1 San" No 8

Reveals the beginning of surveys of illumination  
conditions in Central Asia by the Tashkent Geophys Obs,  
and expansion of the observation program including  
studies of diffusion illumination (sky light) of  
horizontal surfaces. Includes table.

28/49T79

YAROSLAVTSEV, I. N.

USSR/Physics  
Atmosphere

Sep/Oct 48

"The Blue-Red Ratio ( $\frac{B}{R}$ ) as An Optical Characteristic of the Sky," I. N. Yaroslavitsev, 8 pp

"Iz Ak Nauk SSSR, Ser Geog i Geofiz" Vol XII, No 5

Gives results of 3-year observation on the ratio of intensities of blue and red radiation streams from the zenith. Both streams were received by a selenium photoclement through Schott filters (marks Bg 5 and Rg 5). Ratio decreases with increase in atmospheric vapor tension; minimum is observed in Jul, maximum in Jan. Ratio is useful as a characteristic of the --

53/49191

USSR/Physics

(Contd)

Sep/Oct 48

optical state of the atmosphere. Submitted by Acad I. S. Leybenzon, 20 Dec 46.

53/49191

PA-25/49T36

YAROSLAVTSEV, I. N.

USSR/Geophysics  
Radiation -- Reflection  
Solar Radiation

Nov/Dec 48

"Reflected Radiation From Natural Surfaces in  
Tashkent," I. N. Yaroslavtsev, 8 pp

"Iz Ak Nauk SSSR, Ser Geog i Geofiz" Vol XII, No 6

States results of systematic investigation of  
reflected radiation from natural covers of earth  
(snow, green and dry grass). Cites amounts of  
potential of radiation, sums of heat, and albedo.

25/49T:6

YAROSLAVTSEV, I. N.

Yaroslavtsev, I. N. "The blue and red components in the brightness of a cloudless sky,"  
Trudy Tashk. geofiz. observatorii, Issue 1, 1949, p. 79-83, - Bibliog: p. 83.

So: U-3736, 21<sup>st</sup> May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

YAROSLAVTSEV, I. N.

Yaroslavtsev, I. N. "Aerosol layers and solar radiation," Trudy Tashk. geofiz. observatorii  
Issue 1, 1949, p. 84-87.

So: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

YAROSLAVTSEV, I. N.

USSR/Geophysics - Albedo

Jan/Feb 52

"Albedo of Natural Soil Cover in Tashkent," I. N. Yaroslavtsev, Tashkent Geophys Obs

"Iz Ak Nauk SSSR, Ser Geofiz" No 1, pp 85-88

Attempts to get a stable albedo of the natural soil cover. The albedo is obtained as ratio of the continuously recorded radiative beams (1) reflected from natural soil cover and (2) emitted by sun and sky. Six-year records supply data for plotting of isopleths of albedo. Submitted 15 Mar 51.

205T47

Meteorological A bst.  
Vol/ 4 No. 11  
Nov. 1953  
Radiation and  
Temperature

4.11-139  
\*Aroslavitscy, I. N., Poludennye velichiny napriazheniya priamo solnechnoi radiatsii v Tashkente. [Midday value of intensity of direct solar radiation at Tashkent.] *Meteorologiya i Gidrologiya*, No. 5:30-33, 1952, 2 figs., 5 tables, 6 refs. D.L.C.—First observations of solar radiation were made in Central Asia at Pamir in 1901 by A. V. Stankevich and later in 1907 near Tashkent by N. A. Korostel'ev. The author presents the summary of systematic observations made in Tashkent during the last 25 years (1926-1950), which show that the maximum of midday direct solar radiation was recorded as 1.50 cal/cm<sup>2</sup> and minimum as 1.25 cal/cm<sup>2</sup>. The absolute maximum of direct radiation was recorded on March 9, 1929 as 1.51 cal/cm<sup>2</sup>. The most intensive radiation at Tashkent is usually observed in March and the factor (for dry and wet turbidity) are shown on a graph for the period 1934-1950. The comparison of mean maximum ranges for many points of Central Asia, located between latitudes 41.9° to 35.3° and altitudes from 242 m to 4170 m above sea level, showed that the ranges of the maximum radiation depended on latitude, altitude above sea level and local climatic conditions. *Subject Headings:* 1. Solar radiation 2. Turbidity factor 3. Long period records 4. Tashkent, U.S.S.R.—N.T.Z.

YAROSLAVTSEV, I. N.

Dec 52

USSR/Geophysics - Sky Brightness

"Distribution of Brightness Over the Sky," I. N. Yaroslavtsev, Tashkent Sci-Res Geophys Observatory

Priroda, No 12, pp 112, 113

Presents 3 isophote figures showing the distribution of brightness over the sky on 30 Aug 48 (in blue light), on 26 Aug 48 (in yellow light), and on 19 Sep 48 (in red light). States that these figures agree for all colors and white light with those obtained earlier by Acad V. G. Fesenkov and Dorno for white light.

263T89



VAROSLAVTSEV, I. N.

468

54-119  
 Varoslavtsev I. N. Raspredelenie iarkosti po nebu. [Distribution of sky brightness.] 551.521.31  
 Akademiya Nauk SSSR, Izvestiya, Ser. Geofiz., No. 1:83-94, 1953. 13 figs., 11 refs. DLC—  
 Measurements of sky brightness were carried out at Tashkent by means of: 1) a specially  
 constructed photometer in which the brightness of the sky at different points is rendered  
 equal to the sky brightness at the zenith and 2) a selenium (or silver sulfate) photocell. The  
 results of measurements of sky brightness for various wave lengths, namely white light, ultra-  
 violet, blue, yellow and red light, both for clear and cloudy skies are presented graphically.  
 For cloudless skies the configuration of the isolines is similar for all wave lengths and is asym-  
 metrical in two directions. For cloudy skies four types of isolines are observed. Subject  
 Headings: 1. Sky brightness measurements 2. Tashkent, U.S.S.R.—I.L.D. h/c

YAROSLAVTSEV, I. N.

551.571.31:551.590.24  
 5.3-179  
 Yaroslavyev, I. N. Rezul'taty aktinometricheskikh izmereniy vo vremya solnechnogo  
 zatmeniya 25 fevralia 1952 g. v Tashkente. [Results of actinometric measurements during  
 the solar eclipse of Feb. 25, 1952 in Tashkent.] *Akademiia Nauk, SSSR, Izvestiia, Ser.*  
*Geofiz.*, No. 6:83-87, 1952. 5 figs., 2 tables, 2 refs. DLC--The distribution of the brightness  
 of the sky in the infrared rays was measured during the eclipse and the results are shown on  
 equivalent polar projections. The components of the radiational balance during the eclipse  
 were recorded automatically. At the beginning the total positive radiational balance dimin-  
 ished rapidly, reached zero after first contact and then became negative; after completion of  
 eclipse, the positive balance was three times greater than at the start. The variation of the  
 infra-red radiation intensity with the eclipsing of the solar disk by the moon is analyzed.  
 Subject headings: 1. Solar eclipse, Feb. 1952. 2. Sky brightness. 3. Tashkent, U.S.S.R.  
 --I.L.D.

YAROSLAVTSEV, I. N.

USSR/Geophysics - Physics of the Atmosphere

FD-1722

Card 1/1 : Pub. 45-10/12

Author : Yaroslavtsev, I. N.

Title : ~~Observations of infrared radiation during the solar eclipse of 30 June 1954 in Tashkent~~  
: Observations of infrared radiation during the solar eclipse of 30 June 1954 in Tashkent

Periodical : Izv. AN SSSR, Ser. geofiz., 184-185, Mar-Apr 1955

Abstract : The author states that during an eclipse there are special conditions set up with regard to the course of energy in the sun's radiation. Qualitatively and quantitatively the radiational energy variations depend not only upon the altitude of the sun but also upon the phase of the eclipse. The author presents his observations in the form of a graph with three curves, 1) the course of infrared radiation dispersed by the sky during the eclipse, 2) the contents of infrared dispersed radiation in an integral stream when an eclipse is not taking place and 3) the same, during an eclipse.

Institution : Tashkent Geophysical Observatory

Submitted : November 2, 1954

